

Message Text

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PAGE 01 STATE 148615
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AF/EX:GKRYZA(INFO)

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TO ALL NEAR EASTERN AND SOUTH ASIAN DIPLOMATIC POSTS
AMEMBASSY ABIDJAN
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UNCLASSIFIED

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PAGE 02 STATE 148615

AMEMBASSY LA PAZ
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AMEMBASSY LONDON
AMEMBASSY MADRID
AMEMBASSY MANILA
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USLO PEKING
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AMEMBASSY STOCKHOLM
AMEMBASSY TAIPEI
AMEMBASSY TOKYO
AMEMBASSY WELLINGTON

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IO/UNESCO

E.O. 11652: N/A

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PAGE 03 STATE 148615

SUBJECT:INTERNATIONAL WORKSHOP ON BIO-SALINE RESEARCH AT
KIAWAH IS. SOUTH CAROLINA, SEPTEMBER 16-18, 1977.

1. THE NATIONAL SCIENCE FOUNDATION IS SUPPORTING A WORKSHOP AS NOTED ABOVE, WHICH WILL BE CONDUCTED BY INDIANA UNIVERSITY AND WILL BRING TOGETHER A GROUP OF INTERNATIONAL EXPERTS IN BIO-SALINE RESEARCH, AS WELL AS POTENTIAL USERS AND POLICY/DECISION MAKERS, FOR DISCUSSIONS RELATIVE TO DEVELOPING A COHERENT INTERNATIONAL BIO-SALINE RESEARCH PROGRAM. IN THIS CONNECTION, NSF WOULD APPRECIATE IT IF THE EMBASSY COULD EXTEND AN INVITATION TO PARTICIPATE TO THE APPROPRIATE SCIENCE MINISTERIES, OR AGENCIES, RESEARCH INSTITUTIONS, KEY INDIVIDUAL SCIENTISTS OR POLICY OFFICERS DEALING WITH TECHNOLOGICAL DEVELOPMENT PLANNING, INTERESTED IN BIO-SALINE RESEARCH, OR IN THE GENERAL AREA OF ARID-LANDS SCIENCES.

2. THE WORKSHOP WILL BE CONDUCTED BY INDIANA UNIVERSITY AND IS SUPPORTED BY THE NATIONAL SCIENCE FOUNDATION, DIVISION OF INTERNATIONAL PROGRAMS. DR. ANTHONY SAN PIETRO, PROFESSOR, DEPARTMENT OF PLANT SCIENCES, INDIANA UNIV., IS

THE WORKSHOP DIRECTOR. THE ADVISORY BOARD CONSISTS OF DRS. JAMES A. BASSHAM (UNIVERSITY OF CALIFORNIA, BERKELEY), ROBERT W. COUGHLIN (UNIVERSITY OF CONNECTICUT), ALEXANDER

HOLLAENDER (ASSOCIATED UNIVERSITIES, INC.) AND RAYMOND C. VALENTINE (UNIVERSITY OF CALIFORNIA, DAVIS).

3. THE BIO-SALINE CONCEPT ENCOMPASSES THE ELEMENTS OF RESEARCH, DEVELOPMENT, DEMONSTRATION AND UTILIZATION TO APPLY MODERN BIOLOGICAL SCIENCES AND TECHNOLOGIES FOR DERIVING ESSENTIAL RESOURCE MATERIALS IN AN ENVIRONMENTALLY HARMONIOUS MANNER FROM MARINE AND ARID LAND BIOMASS SYSTEMS. THE BROAD GOAL OF THIS CONCEPT IS TO PROVIDE ALTERNATIVE OPTIONS TO HUMAN MATERIAL NEEDS (FOOD, ENERGY, UNCLASSIFIED

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PAGE 04 STATE 148615

CHEMICALS, FEEDS, STRUCTURAL MATERIALS AND MEDICINALS) FROM RENEWABLE RESOURCES IN A MORE ENVIRONMENTALLY COMPATIBLE MANNER. THE APPROPRIATE COMBINATION AND EXPLOITATION OF BIOLOGICAL SYSTEMS, MICROORGANISMS AND PLANTS, AND SALINE WATER, ESPECIALLY SEA WATER, MEDIATED THROUGH SOLAR ENERGY, HOLDS POTENTIAL FOR THE DEVELOPMENT OF A NONCONVENTIONAL AGRICULTURE, PLUS NEW FOOD, ENERGY, AND MATERIALS INDUSTRIES, PROVIDED THE NECESSARY TECHNOLOGIES ARE MADE AVAILABLE THROUGH RESEARCH.

4. DURING THE WORKSHOP A PLAN FOR COMPREHENSIVE RESEARCH PROGRAM WILL BE PREPARED. CAPABLE RESEARCHERS AND INSTITUTIONS FOR THE CONDUCT OF NECESSARY BASIC AND APPLIED RESEARCH COOPERATIVELY BETWEEN UNITED STATES RESEARCH INSTITUTIONS AND THEIR COUNTERPARTS IN OTHER COUNTRIES ARE TO BE IDENTIFIED. AN ESTIMATE OF THE COSTS TO CONDUCT A COMPREHENSIVE PROGRAM OF RESEARCH IS TO BE MADE BY THE WORKSHOP PARTICIPANTS. PROCEEDINGS OF THE WORKSHOP WILL BE AVAILABLE FROM THE U.S. NATIONAL TECHNICAL INFORMATION SERVICE.

5. THE WORKSHOP IS PLANNED FOR UP TO 150 PARTICIPANTS. TOPICS OF DISCUSSION WILL INCLUDE:

- . FOOD AND FEED FROM MICROBES AND HIGHER PLANTS
- . CHEMICALS AND FUELS FROM MARINE AND ARID LAND PLANTS
- . HYDROGEN GAS FROM WATER THROUGH BIO-SOLAR MEANS (BIOPHOTOLYSIS)
- . SALT TOLERANCE OF ALGAE AND HIGHER PLANTS
- . ENZYME TECHNOLOGY APPLICATIONS OF BIO-SALINE DERIVED SYSTEMS.

6. POSITION PAPERS WILL BE READ ON THESE TOPICS; WORKSHOP UNCLASSIFIED

UNCLASSIFIED

PAGE 05 STATE 148615

PARTICIPANTS WILL DISCUSS, ANALYZE AND MODIFY AS APPROPRIATE.

7. FULL DOCUMENTATION CONCERNING THE WORKSHOP INCLUDING REGISTRATION AND DETAILS OF PLANNED POST WORKSHOP VISITS

TO U.S. RESEARCH CENTERS' IS BEING SENT SEPARATELY TO THE POSTS BY NSF. THE WORKSHOP WILL BE HELD ON KIAWAH ISLAND, SOUTH CAROLINA, NEAR CHARLESTON. ACCOMMODATIONS ARE AVAILABLE AT THE KIAWAH ISLAND OR IN NEARBY CHARLESTON. EARLY INDICATIONS OF PARTICIPATION AND SUBMISSION OF POSSIBLE PAPERS RELATING TO THE WORKSHOP SHOULD BE SOLICITED FROM POTENTIAL PARTICIPANTS AND IDENTITIES OF PROSPECTIVE ATTENDEES SENT TO NSF. THERE IS NO WORKSHOP REGISTRATION FEE BUT ATTENDEES ARE EXPECTED TO PAY THEIR OWN TRAVEL AND LIVING EXPENSES. ADDRESSEES ARE REQUESTED TO FACILITATE VISA AND COUNTRY CLEARANCES FOR PARTICIPANTS. COMMUNICATIONS CONCERNING THE WORKSHOP SHOULD BE PASSED TO MR. GILBERT B. DEVEY, DIVISION OF INTERNATIONAL PROGRAMS, NATIONAL SCIENCE FOUNDATION.

8. THE KUWAIT INSTITUTE OF SCIENTIFIC RESEARCH IS A CO-SPONSOR OF THIS WORKSHOP.

9. FOR CAIRO, NEW DELHI AND ISLAMABAD. NSF HAS PROVIDED FUNDS TO INDIANA UNIV. TO SUPPORT PARTICIPANTS TO WORKSHOP AND WILL SEND DETAILS SEPARATELY.

10. FOR JIDDA. NSF DISCUSSED WORKSHOP WITH DR. RIDA OBAID (RIYADH UNIV.) AND DR. I. KLETTE (USREP JECOR) DURING JOINT COMMISSION MEETING MAY 3-4, 1977.
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Message Attributes

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To: NEA POSTS ABIDJAN MULTIPLE
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EO Systematic Review
22 May 2009
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